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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ABE, MOTOYUKI
OKAMOTO, YOSHIO
YAMAKADO, MAKOTO
ISHIKAWA, TOHRU
SHIMIZU, SHUICHI

01/10/03

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Names:

- 1) HITACHI, LTD.
2) HITACHI CAR ENGINEERING CO., LTD.

Addresses:

- 1) 6, Kanda Surugadai 4-chome,
Chiyoda-ku, Tokyo, Japan
2) 2477, Takaba, Hitachinaka-shi,
Ibaraki, Japan

☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: December 3, 3, 10, 10, and 10, 2002.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 3, 3, 10, 10, and 10, 2002.

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Antonelli, Terry, Stout & Kraus, LLP

Internal Address:

1300 North Seventeenth Street
Suite 1800
Arlington, VA 22209
USA

City: State: Zip:

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41)..... \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

01-2135

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory E. Montone, Reg# 28,141

January 10, 2003

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT
REEL: 13658 FRAME: 0899

ASSIGNMENT

(譲 渡 証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Motoyuki ABE, Yoshio OKAMOTO, Makoto YAMAKADO, Tohru ISHIKAWA, Shuichi SHIMIZU, citizens of Japan by HITACHI, LTD., and Hitachi Car Engineering Co., Ltd., corporations organized under the laws of Japan,

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 2477, Takaba, Hitachinaka-shi, Ibaraki, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Motoyuki ABE, Yoshio OKAMOTO, Makoto YAMAKADO, Tohru ISHIKAWA, Shuichi SHIMIZU, do hereby sell and assign to said HITACHI, LTD., and Hitachi Car Engineering Co., Ltd.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to FUEL INJECTOR

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., and Hitachi Car Engineering Co., Ltd.,

their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Car Engineering Co., Ltd.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発 明 者 フ ル ネ ー ム サ イ ン)

Date Signed

(署 名 日)

1)	Motoyuki ABE	<i>Motoyuki ABE</i>	<i>12/3/02</i>
2)	Yoshio OKAMOTO	<i>Yoshio Okamoto</i>	<i>12/3/02</i>
3)	Makoto YAMAKADO	<i>Makoto Yamakado</i>	<i>12/10/02</i>
4)	Tohru ISHIKAWA	<i>Tohru Ishikawa</i>	<i>12/10/02</i>
5)	Shuichi SHIMIZU	<i>Shuichi Shimizu</i>	<i>12/10/02</i>
6)			
7)			
8)			
9)			
10)			